

A HISTORY OF METEOROLOGICAL CHALLENGES

SYMPOSIUM

1871



1971

SYMPOSIUM

L'HISTOIRE DES DÉFIS MÉTÉOROLOGIQUES

LE SERVICE MÉTÉOROLOGIQUE DU CANADA

CANADIAN METEOROLOGICAL SERVICE

315 Bloor Street West
Toronto 181, Ontario.

Dear Colleague:

October 1971 will see a major event in the history of the Canadian Meteorological Service. Its new headquarters building in Toronto will be officially opened. The importance of this event will be enhanced by the fact that 1971 is also the one hundredth anniversary of the Service. As part of our celebrations, a scientific symposium of international status will be held during the three days immediately preceding the official opening ceremonies. It is my pleasure to enclose a personal invitation to you from the Administrator of the Canadian Meteorological Service to attend this special symposium.

This symposium, entitled "A History of Meteorological Challenges", will be held at the new headquarters building, 4905 Dufferin Street, Toronto, Canada, from October 26 to 28 inclusive. The invited speakers, all of whom are recognized world authorities, will review the problems which have confronted meteorologists over the past hundred years. They will explain the stimuli to progress which these problems have provided, and then point out the challenge of the future. The proceedings of this symposium will be published and it is anticipated that this book will become an important reference for years to come. The programme speakers and their topics are listed on the next page for your information.

The ceremonies connected with the official opening of our building will take place on October 29, the day immediately following the Symposium. It is my hope you will be able to remain one more day to attend this event as well.

Since our facilities are limited, attendance at the Symposium will be by personal invitation only. Therefore, to ensure your reservation and to assist us with our arrangements, an early reply to the invitation would be most helpful. An R.S.V.P. card and envelope are enclosed for your convenience. Those attending will receive further details in a later mailing, along with information on other centennial events, accommodation and related matters. There will be no registration fee.

An outline of the programme speakers and their topics is as follows:

Tuesday morning, October 26

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| P.D. McTaggart-Cowan | - The First Century of the Canadian Meteorological Service |
| J. Smagorinsky | - General Circulation of the Atmosphere |

Tuesday afternoon, October 26

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| F. Möller | - Radiation in the Atmosphere |
| B.J. Mason | - Physics of Cloud and Precipitation |

Wednesday morning, October 27

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| R.J. Murgatroyd | - Upper Atmosphere Meteorology |
| B.R. Bolin | - Atmospheric Chemistry and Environmental Pollution |

Wednesday afternoon, October 27

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| R.W. Stewart | - Atmospheric Boundary Layer |
| V. Suomi | - Acquisition of Meteorological Data |

Thursday morning, October 28

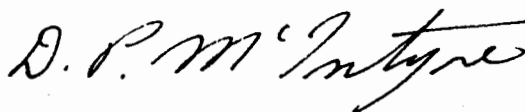
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| G.P. Cressman | - Dynamic Weather Prediction |
| T. Fujita | - Small-Scale Motions and Their Prediction |

Thursday afternoon, October 28

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| R.E. Munn | - Applied Meteorology and Environmental Utilization |
| Speaker not yet confirmed | -- Organization to Meet Challenges |

I hope that you will be able to attend this special occasion in the history of the Canadian Meteorological Service.

Yours sincerely,



D.P. McIntyre,
Chairman, Symposium Committee.